

ABSTRACTSANDWICH MATERIAL

5 A sandwich material comprising two metal plates
affixed to and separated by a fibrous core, is
characterised in that the core comprises a three-
dimensional porous network comprising metal fibres, wherein
substantially all of the fibres are inclined at an acute
10 angle to the plates. The sandwich material is lightweight,
thin and handles like a monolithic sheet. It displays high
beam stiffness and is easy to weld. It is therefore
particularly useful in the manufacture of aircraft and
vehicle parts.